

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| CM  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | D2  | REVISED PER ECO-11-004587 | 11MAR11 | RK  | HMR  |

△1 MATERIAL:  
BASE: THERMOPLASTIC POLYESTER,UL 94V-O (NATURAL).

POST: COPPER ALLOY (TIN OR TIN LEAD PLATED,.000150 MIN THK).

② ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.

3 PARTS MUST COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.

4 PLASTIC AROUND POST PERMISSIBLE IN THIS AREA ONLY.

 DIMENSION APPLIES WHEN HEADER IS HELD FLAT.

6 MEASURED AT -A-

 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.

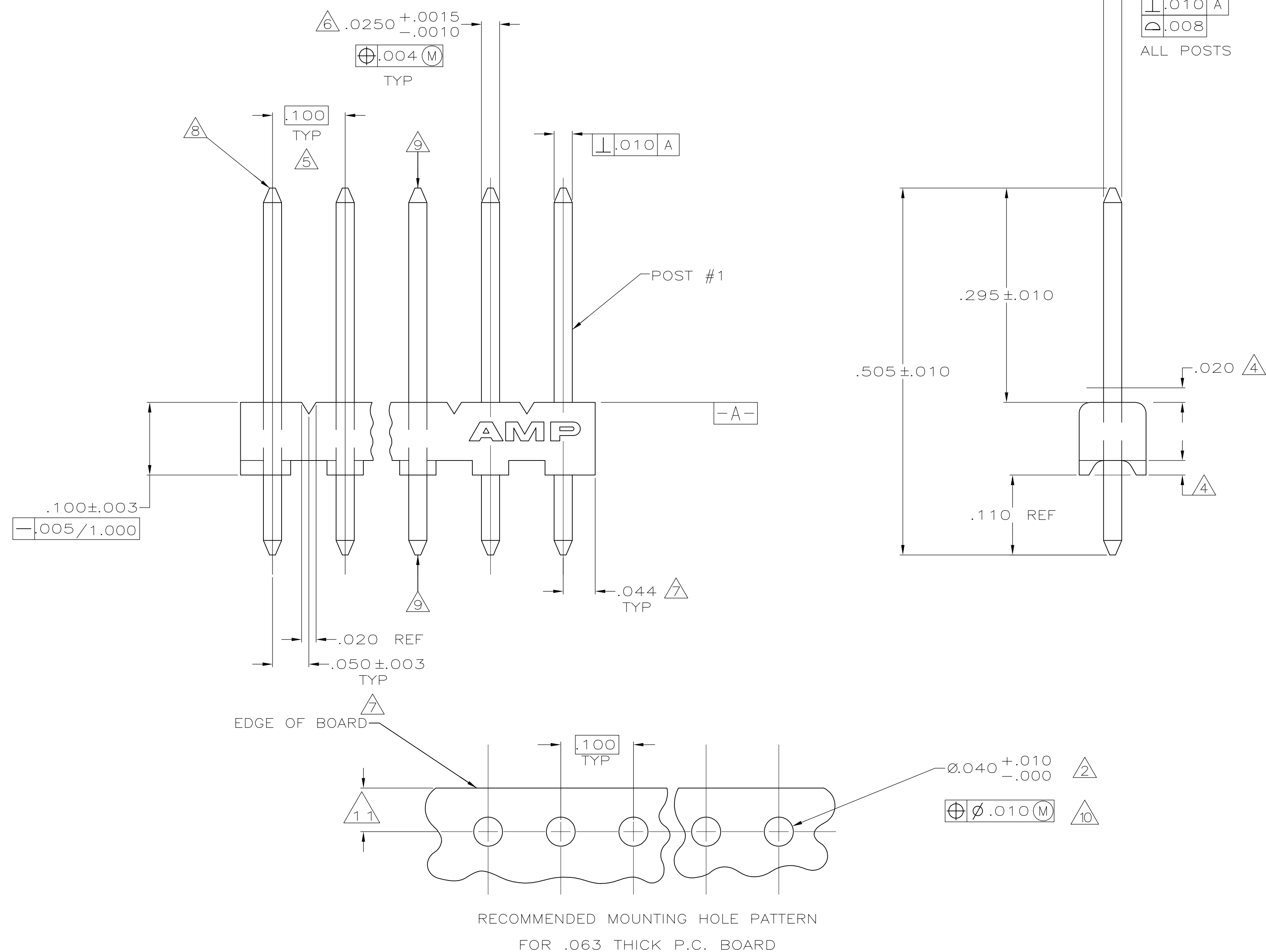
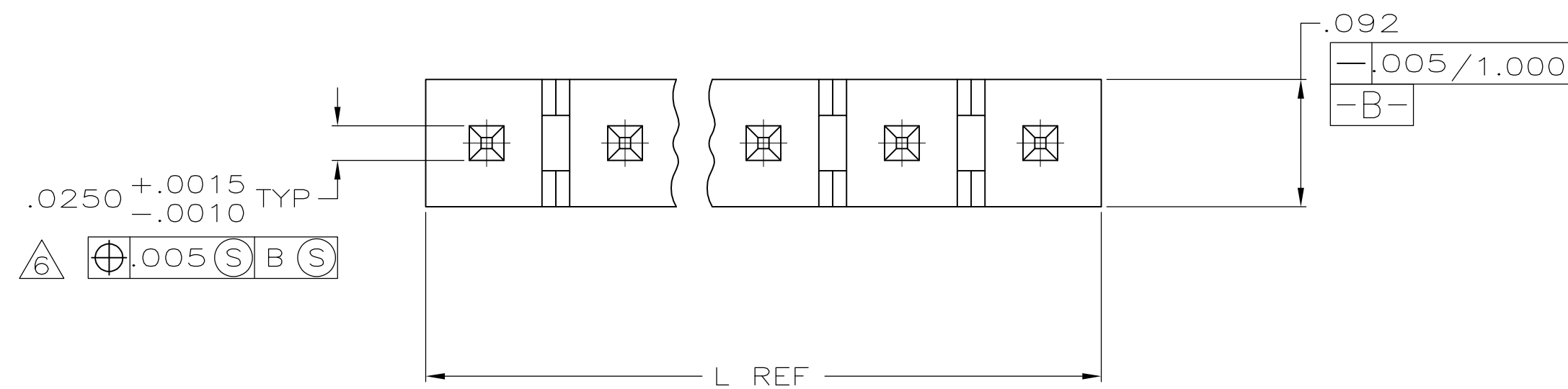
 RADIUS AT TIP PERMITTED, BOTH ENDS.

△ POST MUST WITHSTAND 3.0 LB MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.

 SOLDER SIDE OF BOARD IS SHOWN.

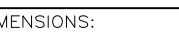
 DIMENSION SHOULD BE .060 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.

12. AMP LOGO MAY OR MAY NOT APPEAR ON MOLDING HOUSING.



|     |      |       |       |            |            |
|-----|------|-------|-------|------------|------------|
| YES | 28   | 2.788 | 70.82 | 28         | 5-644456-8 |
|     | 27   | 2.688 | 68.28 | 27         | 5-644456-7 |
|     | 26   | 2.588 | 65.74 | 26         | 5-644456-6 |
|     | 25   | 2.488 | 63.20 | 25         | 5-644456-5 |
|     | 24   | 2.388 | 60.66 | 24         | 5-644456-4 |
|     | 23   | 2.288 | 58.12 | 23         | 5-644456-3 |
|     | 22   | 2.188 | 55.58 | 22         | 5-644456-2 |
|     | 21   | 2.088 | 53.04 | 21         | 5-644456-1 |
|     | 20   | 1.988 | 50.50 | 20         | 5-644456-0 |
|     | 19   | 1.888 | 47.96 | 19         | 4-644456-9 |
|     | 18   | 1.788 | 45.42 | 18         | 4-644456-8 |
|     | 17   | 1.688 | 42.88 | 17         | 4-644456-7 |
|     | 16   | 1.588 | 40.34 | 16         | 4-644456-6 |
|     | 15   | 1.488 | 37.80 | 15         | 4-644456-5 |
|     | 14   | 1.388 | 35.26 | 14         | 4-644456-4 |
|     | 13   | 1.288 | 32.72 | 13         | 4-644456-3 |
|     | 12   | 1.188 | 30.18 | 12         | 4-644456-2 |
|     | 11   | 1.088 | 27.64 | 11         | 4-644456-1 |
|     | 10   | .988  | 25.10 | 10         | 4-644456-0 |
|     | 9    | .888  | 22.56 | 9          | 3-644456-9 |
| 8   | .788 | 20.02 | 8     | 3-644456-8 |            |
| 7   | .688 | 17.48 | 7     | 3-644456-7 |            |
| 6   | .588 | 14.94 | 6     | 3-644456-6 |            |
| 5   | .488 | 12.40 | 5     | 3-644456-5 |            |
| 4   | .388 | 9.86  | 4     | 3-644456-4 |            |
| 3   | .288 | 7.32  | 3     | 3-644456-3 |            |
| 2   | .188 | 4.78  | 2     | 3-644456-2 |            |

|                          |    |      |       |       |          |            |
|--------------------------|----|------|-------|-------|----------|------------|
| SUPERSEDED BY 5-644456-8 | ↑  | 28   | 2.788 | 70.82 | 28       | 2-644456-8 |
| SUPERSEDED BY 5-644456-7 |    | 27   | 2.688 | 68.28 | 27       | 2-644456-7 |
| SUPERSEDED BY 5-644456-6 |    | 26   | 2.588 | 65.74 | 26       | 2-644456-6 |
| SUPERSEDED BY 5-644456-5 |    | 25   | 2.488 | 63.20 | 25       | 2-644456-5 |
| SUPERSEDED BY 5-644456-4 |    | 24   | 2.388 | 60.66 | 24       | 2-644456-4 |
| SUPERSEDED BY 5-644456-3 |    | 23   | 2.288 | 58.12 | 23       | 2-644456-3 |
| SUPERSEDED BY 5-644456-2 |    | 22   | 2.188 | 55.58 | 22       | 2-644456-2 |
| SUPERSEDED BY 5-644456-1 |    | 21   | 2.088 | 53.04 | 21       | 2-644456-1 |
| SUPERSEDED BY 5-644456-0 |    | 20   | 1.988 | 50.50 | 20       | 2-644456-0 |
| SUPERSEDED BY 4-644456-9 |    | 19   | 1.888 | 47.96 | 19       | 1-644456-9 |
| SUPERSEDED BY 4-644456-8 |    | 18   | 1.788 | 45.42 | 18       | 1-644456-8 |
| SUPERSEDED BY 4-644456-7 |    | 17   | 1.688 | 42.88 | 17       | 1-644456-7 |
| SUPERSEDED BY 4-644456-6 |    | 16   | 1.588 | 40.34 | 16       | 1-644456-6 |
| SUPERSEDED BY 4-644456-5 |    | 15   | 1.488 | 37.80 | 15       | 1-644456-5 |
| SUPERSEDED BY 4-644456-4 |    | 14   | 1.388 | 35.26 | 14       | 1-644456-4 |
| SUPERSEDED BY 4-644456-3 |    | 13   | 1.288 | 32.72 | 13       | 1-644456-3 |
| SUPERSEDED BY 4-644456-2 |    | 12   | 1.188 | 30.18 | 12       | 1-644456-2 |
| SUPERSEDED BY 4-644456-1 |    | 11   | 1.088 | 27.64 | 11       | 1-644456-1 |
| SUPERSEDED BY 4-644456-0 |    | 10   | .988  | 25.10 | 10       | 1-644456-0 |
| SUPERSEDED BY 3-644456-9 |    | 9    | .888  | 22.56 | 9        | 644456-9   |
| SUPERSEDED BY 3-644456-8 | 8  | .788 | 20.02 | 8     | 644456-8 |            |
| SUPERSEDED BY 3-644456-7 | 7  | .688 | 17.48 | 7     | 644456-7 |            |
| SUPERSEDED BY 3-644456-6 | 6  | .588 | 14.94 | 6     | 644456-6 |            |
| SUPERSEDED BY 3-644456-5 | 5  | .488 | 12.40 | 5     | 644456-5 |            |
| SUPERSEDED BY 3-644456-4 | 4  | .388 | 9.86  | 4     | 644456-4 |            |
| SUPERSEDED BY 3-644456-3 | 3  | .288 | 7.32  | 3     | 644456-3 |            |
| SUPERSEDED BY 3-644456-2 | NO | 2    | .188  | 4.78  | 2        | 644456-2   |

|                                                                                                                |  |                                                                                                                     |  |                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                         |  | DWN 23MAY2003<br>S. CARPENTER<br>CHK 23MAY2003<br>D. BOSSI                                                          |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 .010 ±<br>1 .010 ±<br>2 .010 ±<br>3 .010 ± .005<br>4 .010 ±<br>ANGLES ± |  | NAME<br>MTA-100 HEADER ASSEMBLY, NARROW,<br>.025 SQUARE STRAIGHT POST,<br>TIN PLATED                  |  |
| MATERIAL<br>              |  | FINISH<br>                     |  | SIZE<br>A1                                                                                            |  |
|                                                                                                                |  | WEIGHT                                                                                                              |  | CAGE CODE<br>00779                                                                                    |  |
|                                                                                                                |  | CUSTOMER DRAWING                                                                                                    |  | DRAWING NO<br>644456                                                                                  |  |
|                                                                                                                |  |                                                                                                                     |  | RESTRICTED TO<br>—                                                                                    |  |
|                                                                                                                |  |                                                                                                                     |  | SCALE<br>10:1                                                                                         |  |
|                                                                                                                |  |                                                                                                                     |  | SHEET<br>1 of 1                                                                                       |  |
|                                                                                                                |  |                                                                                                                     |  | REV<br>D                                                                                              |  |